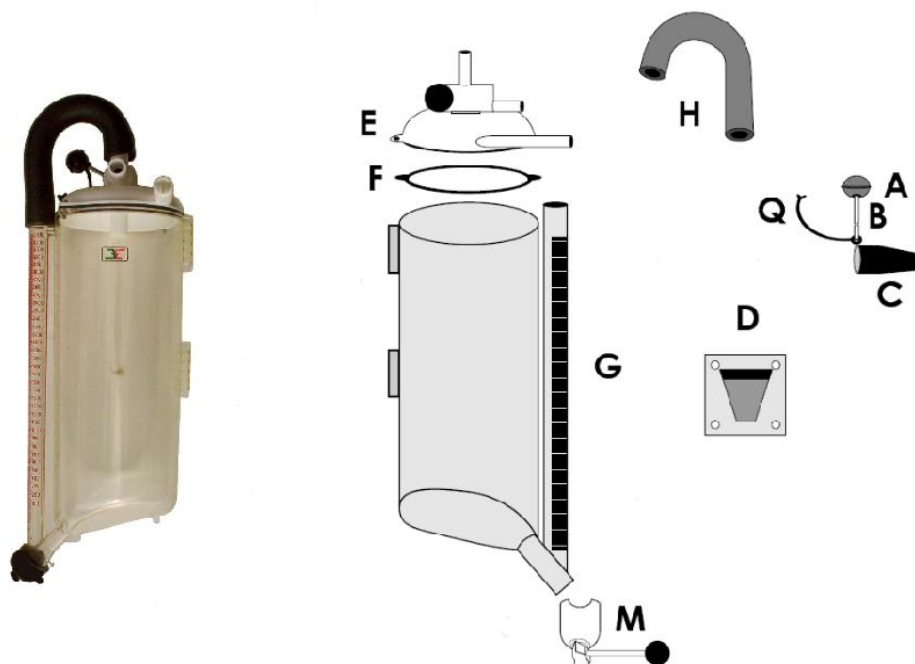




## ESNEDER® Milking Machine Parts



900001	Recording jar ESNEDER® - sheep	
900002	Flask	G
900003	Plastic lid	E
900005N	Rubber tap	M
900008	Rubber valve	C
900009	s/s stem	B
900010	Plastic ball	A
900011	Rubber elbow	H
900012	Rubber gasket	F
900013	Screw M4	I
900014	Nut M4	J
900015	s/s support	D
900016	Rubber strap	Q
900017	o-ring	P



**ESNEDER®** Milking Machine Parts

## **USE, HANDLING AND MAINTENANCE**

Every milk meter has its serial number and this leaflet

The milk meter is a device whose main goal is to record from time to time the milk yield. Given that it is a scientific instrument, it should be handled very carefully and always by the same skilful person if possible. Moreover, the milk meter is made in plastics, a material which is fragile. Therefore, the care must be extreme.

The screws no. 900013 between the plastic lid no. 90003 and the flask no. 900002 are already screwed. Their function is to place the lid properly. **DO NOT SCREW THEM TOO MUCH.** Vacuum is guaranteed by the rubber gasket and the O-ring. If the screws are screwed too much, then the milk meter could be damaged. The guarantee does not cover those breaks.

Please place the milk meters in such a place that the sheep can not hit them. Besides do not place them close to other tools that could break them.

If the milk meters are going to be moved from one milking parlour to another, please verify that the milk tubings are of the same size. In order to avoid that the tube no. 2 breaks, a good solution would be to place a short milk tube in the tube no. 2 and insert a short s/s tube at the end. This way, the milk tubing would be inserted in that s/s tube and no pressure would be made on the tube no.2.

When the milk meter is going to be brought to another place, please put it always in its carton. Fix it carefully when it is inside a car or a van, in order to avoid that it slides or that other items hit it.



**ESNEDER® Milking Machine Parts**

## **CLEANING PROCEDURE**

In order to have a long life span, the vet or farmer in charge of yield recording has to follow this important routine. Clean in place of the milk meter could be possible. However, manual washing is strictly recommended. Washing systems may vary from one farm to another or from one country to another one. The plastics performs well when in contact with many chemicals and it bears high temperatures. Nevertheless, there are some products that can be appropriate for other materials, but not for the plastics. A manual cleaning is the best procedure.

Do not use abrasive pads or powders on the milk meters as these may scratch the surface.

Do not use organic solvents or hydrocarbons to clean the plastic parts of the milk meters.

Do not use brushes, abrasive pads or any implement on the milk meter, particularly in the orifice between the flask and the scale and the cover.

The milk meters could be cleaned in place, but the flasks may need to be removed and cleaned manually on some milking systems. The milking machine cleaning routines depend on the detergent manufacturer's recommendation on volume, temperature and concentration. It is strongly recommended to remove the milk meter from the milking machine and wash it manually.

**Manual Cleaning Procedure.** Inspect all parts for any build up of milkstone, milk fat or other deposits.

Immerse the milk meter or parts thereof in a wash tank with water and detergent at 50°C.

Closely inspect all the parts for perishing, surface hardness, cuts, splits or excessive scratching.

Soak and shake to clean. A sponge may be used to remove stubborn deposits.

Rinse with ample fresh warm water.

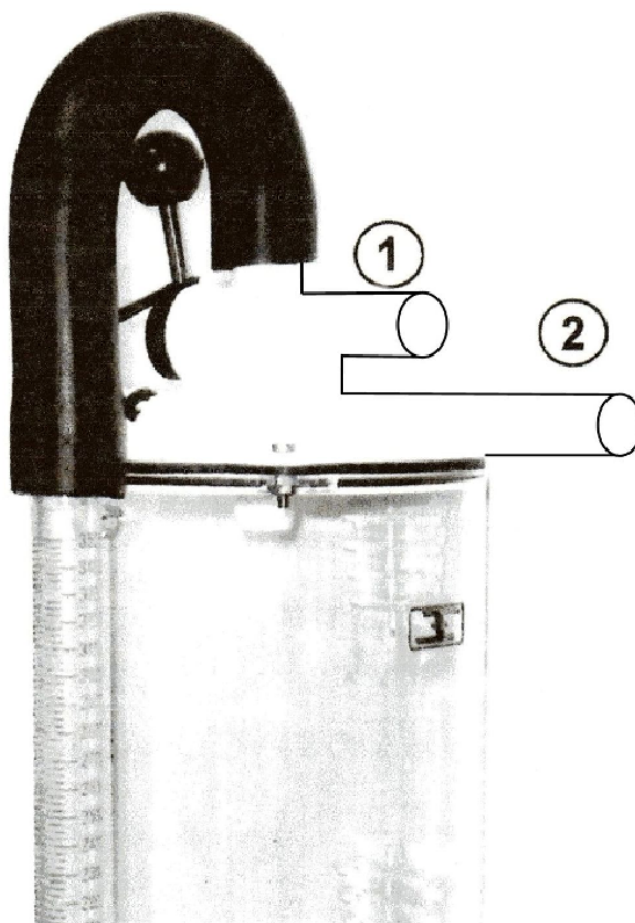
The conditions of the following parts can affect the milk meter calibration: Cover, flask. Inspect each part for cracking, chipping or scratching. These may due to impact damage during handling or transport, or scratching as a result of incorrect cleaning procedures.

These other parts have to be checked and if they are not in good condition, they will be changed:

- Rubber valve no. 900008
- Rubber elbow no. 900011
- Rubber gasket no. 900012
- O-Ring no. 900017



**ESNEDER®** Milking Machine Parts

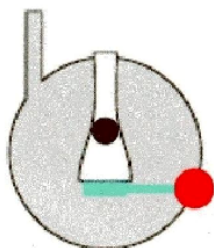


\* Link the tube ① to the milk line

\* Link the tube ② to the claw bowl outlet pipe



## **ESNEDER® Milking Machine Parts**

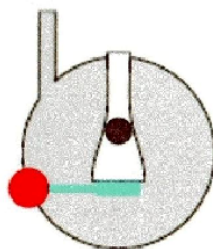
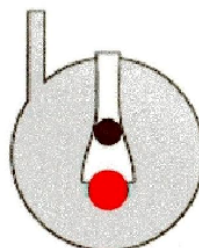


Position 1

**MILKING**

Position 2

**RECORDING**



Position 3

**EMPTYING/WASHING**